

## Equipment Data Sheet

**Model:** APR-100  
**Frame Style:** Extruded aluminum frame with painted vanity panels and transparent cover  
**Description:** **PCB Depaneling Machine** used to depanel the PCBs.

### Standard Features:

- Machine Dimension : L2250mm x W1200mm
- PCB Size: 80 x 80 up to 250 x 250
- Using PCB holding jig : Every different type of PCB
- Programmable Logic Controller
- Max. Processing Speed : Ave. 30 sec/pcb
- Robot : X-Axis, Y-Axis, Z-Axis
- Repeatability :  $\pm 0.03\text{mm}$
- Portable weight of robot : 10 kg
- Spindle depaneling
- Manual width adjust
- Noise : <75dB
- Requirement : Sample of PCB, Dust Extrusion / Collect facility
- Operator controls (E-Stop, Reset)
- 3 color light tower lamp with audible alarm
- Left to Right travel, Front Rail fixed
- Conforms to SMEMA Spec. 1.2

### Options:

- Dust collector : 1.5kw, 25m<sup>3</sup>/min, 230mmAq

**Electrical:** AC220v / 110v 50-60Hz 1 Phase

**Conveyor height** 900mm $\pm$ 30mm / 950mm $\pm$ 30mm

**Air:** 5 kgf/cm<sup>2</sup>

**Power consumption** Max. 800W, 4A



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# **RFB Depaneling Machine**

## Technical Data

<b>MODEL</b>	<b>APR-100</b>
<b>PCB Size (L×W)</b>	<b>80 x 80 up to 250 x 250</b>
<b>Dimension (L×W×H)</b>	<b>2250 x 1200 x 1500</b>
<b>Weight (kg)</b>	<b>800 kg</b>
<b>PCB Capacity</b>	<b>2 PCBs ( stand by : 1, Depanelling : 1)</b>
<b>Flow Direction</b>	<b>Left to Right / Right to Left</b>
<b>Fixed Edge</b>	<b>Front / Rear</b>
<b>Power Consumption</b>	<b>Max 800W, 4A</b>
<b>Air Speed</b>	<b>20~30 n' l/min</b>
<b>X, Y, &amp; Z axis robot repeatability</b>	<b>±0.03mm</b>
<b>Portable weight of Robot</b>	<b>10 kg</b>
<b>Spindle Head</b>	<b>Max. 50,000rpm, 150W</b>
<b>Fixture</b>	<b>Refer to the customer specification</b>
<b>Conveyor Height</b>	<b>900±30mm / 950 ± 30mm</b>
<b>Power Supply</b>	<b>AC220V [±10%] , 50~60Hz / 1Phase</b>
<b>Controller</b>	<b>PLC (Programmable Logic Controller) Control</b>
<b>Air Supply</b>	<b>5bar(=kgf/cm<sup>2</sup>)</b>
<b>Interface</b>	<b>SMEMA : NPN type (Input), 14 Pins SMEMA Connector</b>
<b>Option</b>	<b>Dust Collector : 1.5kw, 25m<sup>3</sup>/min, 230mmAq PCB holding jig</b>

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